

**Flood Control Project Maintenance
Levee Inspections****LMA District Cover Sheet
Spring 2014 Levee Inspection Results****Sutter Maintenance Yard Murphy Slough at M&T Ranch**

	Spring (March - May)	Summer ** (June - August)	Fall (September - November)	Winter ** (December - February)
* Overall LMA Rating (Fall Only)				

** Non-receipt of Summer or Winter Inspection Reports may effect overall annual rating.

*
SPRING INSPECTIONS: Overall maintenance ratings are not determined for the spring inspection results. Individual maintenance deficiencies are rated using the same criteria in the spring and in the fall.

FALL INSPECTIONS: The overall maintenance rating shown above is based on operation and maintenance deficiencies identified within the attached unit inspection reports. This rating is not intended to be an indication of risk.

Comments

**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Spring 2014 Levee Inspection Results

Sutter Maintenance Yard Murphy Slough at M&T Ranch

Waterway			Bank	Unit Miles
Unit No. 01 Murphy Slough at M&T Ranch			Left	0.78
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	04/11/2014 - 04/11/2014			
DWR Inspector	Bob Duffey			
Accompanied By	Jason Cooper Sutter Maintenance Yard			

Summer & Winter Inspections

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

<http://cdec.water.ca.gov/lma.html>

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

Sutter Maintenance Yard Murphy Slough at M&T Ranch

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Murphy Slough at M&T Ranch	Left	0.78	04/11/2014 04/11/2014	Bob Duffey

LM Start		Rating **	A	Issue No.	2
LM End		Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Operations & Maintenance Manuals				°
					°
DWR ID	DWR_NA0014_01_s _ 2013_2				
Action/Comments					

No Photos

LM Start		Rating **	A	Issue No.	3
LM End		Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Emergency Supplies & Equipment				°
					°
DWR ID	DWR_NA0014_01_s _ 2013_3				
Action/Comments					

No Photos

LM Start		Rating **	A	Issue No.	6
LM End		Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Flood Preparedness & Training				°
					°
DWR ID	DWR_NA0014_01_s _ 2013_6				
Action/Comments					

No Photos

*** Location**
LS : Land Side
WS : Water Side
CR : Crown

**** Rating**
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

Sutter Maintenance Yard Murphy Slough at M&T Ranch

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Murphy Slough at M&T Ranch	Left	0.78	04/11/2014 04/11/2014	Bob Duffey

LM Start	0.00	Rating **	M	Issue No.	1
LM End	0.09	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			39.667534 °	39.666836 °
				-121.959612 °	-121.960897 °
DWR ID	DWR_NA0014_01_s _ 2012_1				
Action/Comments					
Elderberries are blocking visibility and flood fight capability.					

Photo 1 of 1 : rduffey_s_20140428_192.jpg



View of the elderberries along the waterside slope.

LM Start	0.00	Rating **	M	Issue No.	4
LM End	0.09	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			39.667708 °	39.666983 °
				-121.959817 °	-121.960997 °
DWR ID	DWR_NA0014_01_s _ 2012_4				
Action/Comments					
Elderberries are blocking visibility and flood fight capability.					

Photo 1 of 1 : rduffey_s_20140428_191.jpg



View of the elderberries along landside toe.

LM Start	0.00	Rating **	M	Issue No.	5
LM End	0.20	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			39.666988 °	39.666988 °
				-121.960993 °	-121.960993 °
DWR ID	DWR_NA0014_01_s _ 2012_5				
Action/Comments					
Remove the wild growth other than native grasses from the levee slopes.					

Photo 1 of 1 : rduffey_s_20140428_193.jpg



View of the vegetation along the waterside slope.

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement